

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new non-provisional applications under 37 CFR 1.53(b))		Attorney Docket No.	70025250-0003																														
		First Named Inventor	Gordon Sirells																														
		Title:	Methods and Systems for Determining the Orientation of Natural Fractures																														
		Express Mail Label No: EV328245491US																															
ADDRESS TO:		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																															
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		ACCOMPANYING APPLICATION PARTS <i>22141 U.S. PTO 10/674937 09/30/03</i>																															
1. <input checked="" type="checkbox"/> Specification Total Pages 26 2. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) Total Pages 13 3. <input checked="" type="checkbox"/> Declaration and Power of Attorney Total Pages 3 a. <input checked="" type="checkbox"/> Unexecuted(original or copy) b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 14 completed)</i> <i>(Note Box 4 Below)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting Inventor(s) named in the prior appln., see 37 CFR 1.63(d)(2) and 1.33(b).		5. <input type="checkbox"/> Assignment Papers (cover sheet & documentation) 6. <input checked="" type="checkbox"/> Letter under 37 CFR 1.41(c). 7. <input type="checkbox"/> English Translation Document to follow (if applicable) 8. <input type="checkbox"/> Information Disclosure 9. <input type="checkbox"/> Copies of IDS <input type="checkbox"/> Statement PTO-1449 Citations 10. <input checked="" type="checkbox"/> Preliminary Amendment 11. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 12. <input checked="" type="checkbox"/> Applicant is a Small Business Entity A claim of priority is being made to the Provisional Application entitled "Microseismic Source Parameters", Attorney Docket No. 00000000-0000, filed on September 18, 2003 via Express Mail No. EV332954815..																															
4. <input type="checkbox"/> Incorporation By Reference (usable if Box 3b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.																																	
14. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) <input type="checkbox"/> of prior application No: _____																																	
CLAIMS AS FILED <table border="1"> <thead> <tr> <th></th> <th>(1) FOR</th> <th>(2) NUMBER FILED</th> <th>(3) NUMBER EXTRA</th> <th>(4) RATE</th> <th>(5) BASIC FEE</th> </tr> </thead> <tbody> <tr> <td rowspan="4"></td> <td>TOTAL CLAIMS</td> <td>22</td> <td>2</td> <td>\$9.00</td> <td>18.00</td> </tr> <tr> <td>INDEPENDENT CLAIMS</td> <td>4</td> <td>1</td> <td>42.00</td> <td>42.00</td> </tr> <tr> <td></td> <td colspan="3">ANY MULTIPLE DEPENDENT CLAIMS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</td> <td>140.00</td> <td>0.00</td> </tr> <tr> <td></td> <td colspan="3"></td> <td>TOTAL FEE</td> <td>\$435.00</td> </tr> </tbody> </table>						(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) BASIC FEE		TOTAL CLAIMS	22	2	\$9.00	18.00	INDEPENDENT CLAIMS	4	1	42.00	42.00		ANY MULTIPLE DEPENDENT CLAIMS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			140.00	0.00					TOTAL FEE	\$435.00
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<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required in connection with this application, or credit any overpayment to ACCOUNT NO. 19-3140. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> Please charge attorney's firm American Express Account No. <u>378571697401002</u> in the amount of <u>\$435.00</u> to cover the above fees. PTO Form 2038 is enclosed for that purpose. <input type="checkbox"/> A check in the amount of \$____ to cover the filing fee is enclosed.																																	
15. CORRESPONDENCE ADDRESS: Sonnenschein, Nath & Rosenthal LLP P.O. Box #061080 Wacker Drive Station - Sears Tower Chicago, IL 60606 Customer #26263																																	

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(Reg. No. 45,034)

Date: September 30, 2003

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September 30, 2003

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

RE: New U.S. Application for Letters Patent entitled
“METHODS AND SYSTEMS FOR DETERMINING THE ORIENTATION
OF NATURAL FRACTURES”
Applicant(s): Gordon Sorrells, et al.
Attorney Docket No. 70025250-0003

Dear Sir:

Under the provisions of 37 C.F.R. §1.41(c), I am filing the attached application, including 22 claims (4 independent), 13 sheets of drawings (Figs. 1-10) and the filing fee of \$435.00 on behalf of

GORDON SORRELLS, NORMAN WARPINSKI, CHRIS WRIGHT
and ERIC DAVIS

and request that the application be assigned a serial number and filing date pursuant to the provisions of 37 C.F.R. §1.53(b) and 37 C.F.R. §1.53(d).

Very truly yours,

SONNENSCHEIN NATH & ROSENTHAL LLP

By:

Christopher P. Rauch

CPR:kat
Enclosures

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Date of Deposit: September 30, 2003

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Applicant(s): Gordon Sorrells, Norman Warpinski, Chris Wright and Eric Davis

Attorney Docket No. 70025250-0003

Specification (26 pages)

Utility Patent Application Transmittal

\$435.00 Filing fee (22 claims - 4 independent-Small Entity - to be charged to AMEX acct.))

Drawings (13 sheets - Figs. 1-10)

Unexecuted Oath and Declaration

Letter Under 37 C.F.R. §1.41(c)

Return postcard



Signature of Person Mailing Application and Fees